

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 06145146
PUBLICATION DATE : 24-05-94

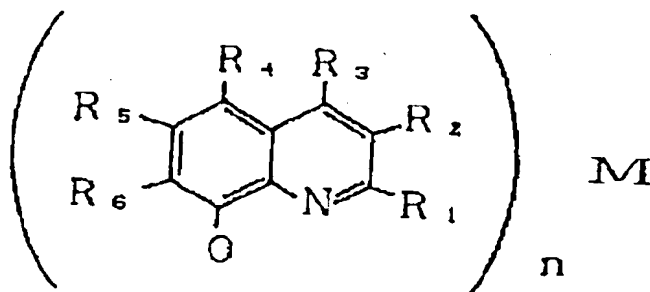
APPLICATION DATE : 06-11-92
APPLICATION NUMBER : 04322817

APPLICANT : CHISSO CORP;

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INT.CL. : C07D215/30 C07D215/48 C09K 9/02
C09K 11/06

TITLE : OXINATE DERIVATIVE



ABSTRACT : PURPOSE: To obtain a new compound useful as a luminous material such as a fluorescent coating or an EL element.

CONSTITUTION: This compound is expressed by the formula [R¹ to R₆ is H, F or cyano and at least one thereof is F or cyano; M is metal; (n) is 1-4]. The compound expressed by the formula is obtained by dissolving, e.g. 5-cyano-8-quinolitolithium in a solvent, e.g. acetic acid, methanol, ethanol or propanol, adding the resultant solution to an aqueous solution containing a desired metal, regulating the pH, depositing a crystal and separating the deposited crystal by filtration. This compound is useful as a component of an EL element capable of emitting light of a high brightness at a low voltage. Various luminous colors are obtained by changing the kind, position or number of the substituent group or the kind of the metal. Since the compound is excellent in electron transport properties and hardly forms an excited complex, it is suitable as an electron transport layer of the EL element and a highly efficient luminous element such as a full color display can be prepared.

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